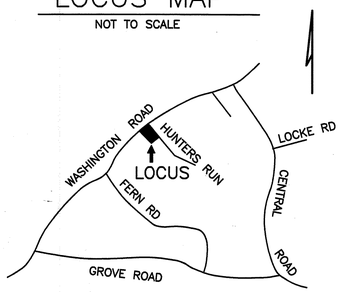
LOCUS MAP

NOT TO SCALE



SOIL CLASS: 510 HOOSIC

SOURCE: SCS SOIL SURVEY

BENCH MARKS: DATUM: PREVIOUS APPROVAL

#1 SET NAIL BASE APPLE TREE EL 90.50

#2 ELY COR BOTTOM STEP @ PORCH EL 95.30

#3 SET SPIKE EL 93.96

DESIGN INTENT:

THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM (EDS) SHALL BE CONSTRUCTED AT ELEVATION 92.45 WHICH IS APPROXIMATELY 24" BELOW ORIGINAL GROUND AT THE HIGH CONTOUR OF THE DESIGNED EDS (ELEVATION 94.5). (SEE NOTE AT RIGHT)

SUITABLE REPLACEMENT AREA:

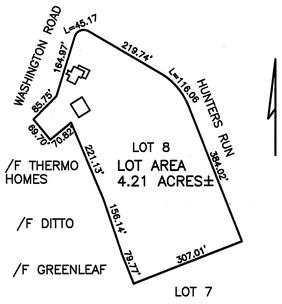
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:

- 100 / (100) — EXISTING CONTOUR / PROPOSED CONTOUR
- 50.0 — EXISTING SPOT ELEVATION
- (50.0) — PROPOSED SPOT ELEVATION

NOTES:

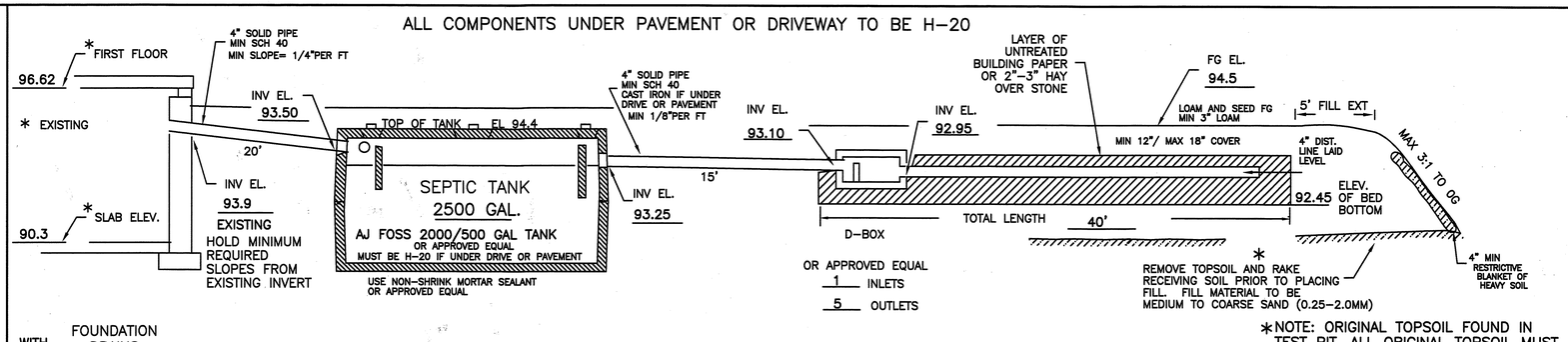
1. NOT TO BE DEEMED A BOUNDARY SURVEY. BOUNDARIES SHOWN ARE APPROXIMATE BASED ON: RCRD PLAN D 15637
2. NHDES–WS&PCD SUBDIVISION APPROVAL NUMBER: 22258
   PREVIOUS CONSTRUCTION APPROVAL #90449
3. SEPTIC TANK CAPACITY (1500 GPD X 1.5 = 2250 GAL REQUIRED, 2500 GAL PROVIDED) REFLECTS USE OF GARBAGE DISPOSAL. NOT RECOMMENDED BY DESIGNER.
4. NO SURFACE WATER OR WELL WITHIN 75' OF PROPOSED SYSTEM.
5. NO HYDRIC B SOILS WITHIN 50', HYDRIC A SOILS WITHIN 75' OF PROPOSED SYSTEM.



PLOT PLAN

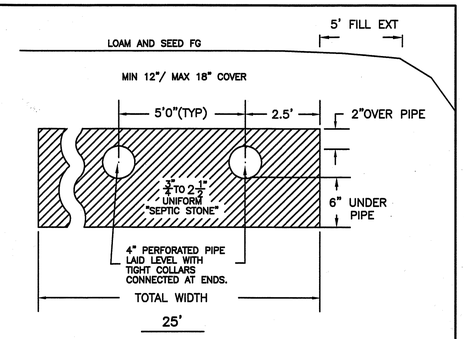
1" = APPROX 200'

ALL COMPONENTS UNDER PAVEMENT OR DRIVEWAY TO BE H–20



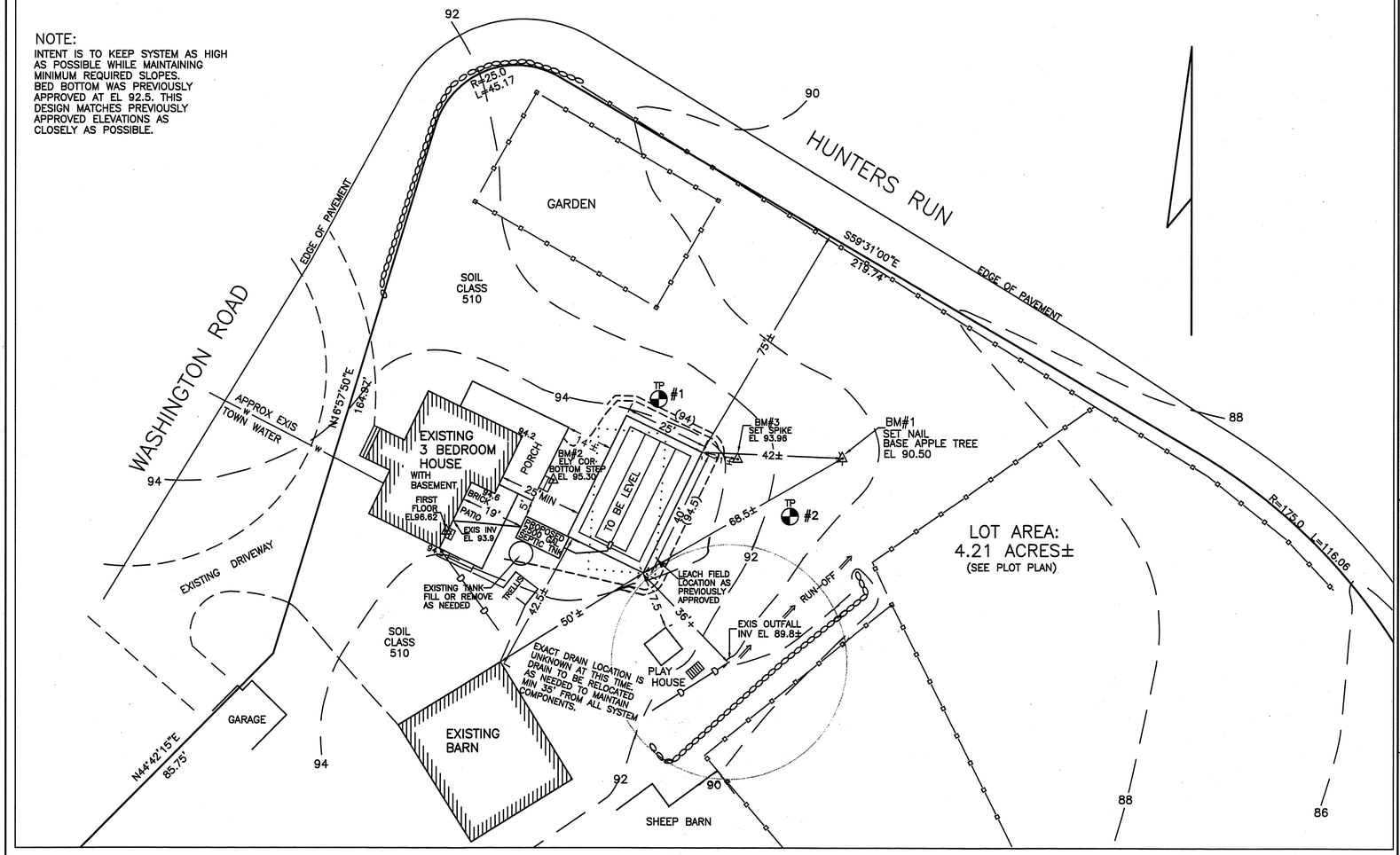
CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE

*NOTE: ORIGINAL TOPSOIL FOUND IN TEST PIT. ALL ORIGINAL TOPSOIL MUST BE REMOVED UNDER BED AND IN FILL EXTENSION.



PLAN : 1"=20'

NOTE:
INTENT IS TO KEEP SYSTEM AS HIGH AS POSSIBLE WHILE MAINTAINING MINIMUM REQUIRED SLOPES. BED BOTTOM WAS PREVIOUSLY APPROVED AT EL 92.5. THIS DESIGN MATCHES PREVIOUSLY APPROVED ELEVATIONS AS CLOSELY AS POSSIBLE.



TEST PIT DATA

DATE: 5/23/03

TOWN INSPECTOR: SUSAN ZARLENGO

TP TEST PIT #1 EL 93.3

0 – 3"	LOAM AND ROOT MAT
3 –40"	SAND FILL EXTENSION FOR SYSTEM
40–44"	ORIGINAL TOPSOIL (MUST BE REMOVED)
44–56"	10YR4/6 GRAVELLY FINE SANDY LOAM, GRANULAR FRIABLE
56–72"	2.5Y4/4 GRAVELLY VERY FINE SANDY LOAM, INCREASING SILTS WITH DEPTH, FIRM IN PLACE, MOTTLED

ESHWT@56", NO OBSERVED WATER, NO REFUSAL

TP TEST PIT #2 EL 90.7

0 –14"	LOAM AND ROOT MAT
14–26"	10YR4/6 TO 5/6 GRAVELLY FINE SANDY LOAM GRANULAR FRIABLE
26–36"	10YR4/4 GRAVELLY FINE SANDY LOAM, MOIST,FIRM, MOTTLED
36–50"	2.5Y5/4 VERY FINE SANDY LOAM, SILTY, MASSIVE, FIRM

ESHWT@26", OBSERVED WATER @ 36", NO REFUSAL

PERC TEST DATA PT

DATE	8/26/80 (PREVIOUS DESIGN)
PERC RATE:	ACTUAL 4 MIN/IN, DESIGN 8 MIN/IN
DESIGN LOADING:	4 BEDROOMS @ 8 MIN/IN
AREA REQUIRED:	1000 SF REQUIRED
AREA PROPOSED:	25' X 40' = 1000 SF PROVIDED

PROPOSED REPLACEMENT

SEPTIC SYSTEM PLAN

PREVIOUS APPROVAL #90449 EXISTING SYSTEM IN FAILURE

LOCUS: 740 WASHINGTON ROAD
RYE, NH

OWNER: ROBERT & KATHLEEN MACLEOD
740 WASHINGTON ROAD
RYE, NH 03870

NEW HAMPSHIRE Designer of Subsurface Disposal Systems Ann W. Bialobrzeski No. 348 Water Supply & Pollution Control

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843–1306

DATE: 6/08/03

APPROVAL: CA2003053575

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.
(b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.
ENV–WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.
ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.